M. A. R. 57 (Rule 116)
Measurement Book

No. B

1st & final Bill

Work ..... From ..... To .....

424667

Contractor of nature of Agency ..... M/s. SRD Developers & Construction (B)-92

Commencement of work ..... D. O. R: 03/07/21

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
Est cost Rs: 15.00 lacks.						
Job code NO: 011-20-00001H						
Head of A/C: P1731 DOW Works.						
Work order NO: BBMP/EE/BTP/WO/115/2020-21 Dt: 16/09/20						
Earth work excavation for foundation of building in ordinary so						
Long wall	2	10.15	1.20	1.00	24.36	
Short wall	3	5.85	1.20	1.00	21.06	
	1	2.85	1.00	1.00	2.85	
Toilet wall	1	1.60	1.00	1.00	1.60	
	1	1.00	1.00	1.00	1.00	
For columns	8	1.50	1.50	1.50	27.00	

Assistant Engineer
Vidyaranyapura Sub Division

54-82

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Sump	1	3.00	3.00	3.00	27.00	77-80
	Building surrounding	2	11.55	1.00	0.15	3.47	
		2	6.15	1.00	0.15	1.85	
			TOTAL QNTY =			110.18 CUM	
			Limited to tender qnty =			107.18 CUM	
			Rate Rs: 206.00/CUM			= 22079.00	
item no 2)	Providing & laying in position plain cement concrete of mix 1:4:8 with OPC.						
	long wall	2	10.15	1.00	0.15	3.05	
	short wall	3	5.85	1.00	0.15	2.63	
	Toilet wall	1	2.85	1.00	0.15	0.43	
		1	1.60	1.00	0.15	0.24	
		1	1.00	0.00	0.15	0.15	
						6.9	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

424668

From..... To.....

Nature of Agency .....

Name of work .....

Description, etc. of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
	8	1.50	1.50	0.20	3.60	65
	1	3.00	3.00	0.20	1.80	
	2	1.55	1.00	0.20	0.62	
	2	6.15	1.00	0.15	1.85	
				=	15.87 cum	
	Total quty limited to tender qty = 15.60 cum					
	Rate @ Rs: 5356/cum = 99948.00/-					
	@ constructing granite/trap/basalt size stone					
	pitching in foundation etc. -					

Executive Engi
Vidyaranyapura Sub Div
BBMP, Bangalore - 9

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Long wall	2	10.15	0.75	0.60	12.18	
	Short wall	3	6.15	0.75	0.60	11.07	
	Toilet wall	1	2.85	0.75	0.75	1.60	
		1	1.60	0.75	0.75	0.90	
	Deduction of columns	1	1.00	0.75	0.75	0.56	
		8	1.50	0.75	0.75	6.75	
						19.54 cum	
		limited to total quantity =				19.54 cum	
		Rate @ Rs. 4575/cum				= 89415.00	
item not)	Providing & constructing granite in basement						
	long wall	2	10.15	0.45	0.60	5.48	
	short wall	3	6.15	0.45	0.45	3.74	
		1	2.85	0.45	0.45	0.58	
	Toilet wall	1	1.60	0.45	0.45	0.32	
						10.12	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 424663

Reference to last Measurement 8

..... From..... To.....

Name of Contractor or nature of Agency .....

Name of work .....

Particulars, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
	1	1.00	0.45	0.45	0.20	10.12
	8	1.50	0.45	0.45 @	2.43	
					7.89 cum	
limited to tender qty				=	7.13 cum	
				@ Rs 5407/ cum	=	38552.00
			concrete using 20mm & down size agg.			
	8	1.50	1.50	0.60	10.80	
	8	0.20	0.45	4.00	2.88	
	1	42.84	0.20	0.45	3.86	
	1	42.84	0.20	0.20	1.71	
	1	6.00	0.30	0.45	0.81	
	1	42.84	0.20	0.45	3.86	

Assistant Executive Engineer
Vidyaranyapura Sub Division
Bangalore-97

2892

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Roof slab	1	10.00	6.15	0.15	9.23	23.92
	Sump Raft	1	3.00	3.00	0.20	1.80	
	side walls	2	3.00	0.20	2.60	3.12	
		2	2.60	0.20	2.60	2.70	
	Roof concrete	1	3.00	3.00	0.15	1.35	
	Builder's sarrounding	2	3.00	1.00	0.15	3.47	
		2	6.15	1.00	0.15	1.85	
		1	10.00	0.60	0.15	0.90	
						118.32 cum	
						limited to total qty = 118.2 cum	
						@ Rs: 6443/cum = 511068.00	
Item No 6)	Fixing available cast iron sides of manhole etc complete as per approved item No: 7					= 110.18 cum 107.18	
						@ Rs: 139.00/cum = 14898.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 424670

From..... To.....

Name of Agency .....

Name of work .....

Reference to last Measurement	Particulars, etc. of work	Dimensions				Contents	Reference to last Measurement
	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
.92 8	Load bearing wall with solid concrete blocks						
		2	9.55		3.00	57.30	
		3	6.00		3.00	54.00	
		1	3.04		3.00	9.12	
		1	1.50		3.00	5.40	
		1	1.20		3.00	3.60	
		3	0.60		1.00	1.50	
		2	9.55		0.60	11.46	
		1	1.60	1.00		1.60	
		1	1.60	0.65		1.36	
		1	1.60	0.60		0.96	
		1	1.60	0.45		0.72	
		1	1.20		2.10	2.52	
						129.24	

C+FC

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	D2	2	0.90		2.10	3.78	149.84
	D3	1	0.75		2.10	1.58	
	Windows	2	1.20		1.20	2.88	
		1	1.75		1.20	2.10	
		1	0.90		0.40	0.36	
		1	0.60		0.60	0.36	
		1	42.84		0.20	8.57	
	Plinth Level Horizontal Beam	1	42.84		0.45	112.92	
						= 112.76	
			Plinth TO tender qty				
			@ Rate DS: 1015.00				= 114451.00
Item 8)	Providing T.M.T. Steel reinforcement for R.C.C. work						
		0.12	42.11			= 5.26 Tonnes	
					Tender qty =	5.13 Tonnes	
		@ Rate DS 65500				=	336015.00

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M. A. R. 57 (Rule 116)
Measurement Book

No. B 424671

From ..... To .....

Name of Contractor of nature of Agency .....

Name of work or description of work .....

Reference to last Measurement 8	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Integral Cement based waterproofing to roof slab	1	10.00	6.15	=	61.50	Carried to Abstract
		1	5.00	2.40	=	12.00	
						73.20	= 73 200.00
						@ Rs. 1000/ Sqm	
	12 mm thick cement plaster in single coat to Hall Room & kitchen Toilet Front	1	5.75	6.00		34.50	
		1	3.04	3.18		9.67	
		1	3.04	2.40		7.30	
		1	1.50	1.20		2.16	
		1	6.15	0.45		2.77	
		1	4.50	1.00		4.50	
						60.90	@ 210/ Sqm = 12 749.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
H(11)	Providing 150mm thick cement Plaster in Single wall Ext -						
	Hall	2	5.75		3.00	34.50	
	Room	2	6.00		3.00	36.00	
		2	3.04		3.00	18.24	
	kitchen	2	3.18		3.00	19.08	
		2	3.04		3.00	18.24	
	kitchen platform	2	2.40		3.00	14.40	
	Toilet	2+3	0.60		1.00	3.60	
		2	1.50		3.00	10.80	
		2	1.20		3.00	7.20	
	Deduct for Openings D1	1	9.75		1.10	10.73	
	D2	1.105	1.20		2.10	1.26	
	D3	2	0.90		2.10	3.78	
		1	0.95		2.10	1.58	
	Windows	2.205	1.20		1.20	1.44	
		1x0.50	1.75		1.20	1.05	
		1x0.5	0.90		0.40	0.18	
		1x0.5	0.60		0.60	0.18	
	Internal ~~10~~ tenders qtys =					162.35	=H3023.00
	@ Rs 205 / Sqm						

Ok
Ok
(VRP) SD

M. A. R. 57 (Rule 116)
Measurement Book

No. B

424672

From..... To.....

Name of Agency .....

Name of work .....

Description, etc. of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
	cement plaster			single coat	etc --	
	2	9.55		H.20	80.22	
	2	6.15		H.20	51.60	
	1×0.5	1.20		2.10	1.26	
	2+0.50	1.20		1.20	1.44	
	1+0.50	0.75		1.20	1.05	
	1×0.50	0.90		0.40	0.18	
	1×0.50	0.60		0.60	0.18	
	limited to texcel only =				135.93 (SFT)	
				@ Rs. 19.50/SFT		26933.00
	special make	glazed		vitrified tiles	etc	
	1	5.75	6.00		34.50	
	2	5.75		0.10	1.15	
	2	6.00		0.10	1.20	
	1	3.05	2.40		7.32	
					44.17	

Executive Engineer
Vijayapura Sub Divis
KUWSDP, Bangalore-97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Shetting Room Shetting	2	2.40		0.10	0.48	
		2	3.15		0.10	0.64	
		1	3.04	3.15		9.67	
		2	3.04		0.10	0.61	
		2	3.15		0.10	0.64	
	limited to tender qnty				=	11.50 Sqm	
					@ Rs = 1295/	Sqm =	
Item 14)	Providing & removing centring, shuttering, struts, etc columns	8	16.00		0.60	28.80	
		8	1.30		3.90	40.56	
						69.36	
					@ Rs: 395/	Sqm =	27397/-
Item 15)	Providing & removing centring, shuttering, struts, props etc						

AE (VRP) SD

M. A. R. 57 (Rule 116)
Measurement Book

No. B

424673

From..... To.....

Description, etc. of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
	1	5.75	6.00		34.50	
	2	3.04	3.15		19.33	
	2	3.04	2.40		14.59	
	1	1.60	1.20		2.16	
				=	54.31 cum	
totender						
	2	42.84		0.45	38.56	
	2	42.84		0.20	17.14	
	2	42.84		0.45	38.56	
	1	6.00		1.10	6.60	
	1	3.00		2.60	23.04	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		4	2.60		2.60	27.04	
	Roof	1	2.60	2.60	=	6.76	
						161.42 Sqm	
	limited to tender qnty				=	= 484260.00	
			@ Rs: 300/ Sqm				
ITEM NO:A)	Providing & fixing iron doors M.S. Steel garage door Etc						
	main DOOR	1	1.20		2.10	2.52	
	Toilet DOOR	2	0.90		2.10	3.78	
		1	0.75		2.10	1.58	
						7.56 Sqm	
	limited to tender qnty				=		
	@ Rs: 2518/ Sqm					= 19036.08	
ITEM NO:B)	Providing & Fixing in position in cut concrete Steel grill Etc windows & ventilators Etc						
		2	1.20		1.20	2.88	
		1	1.75		1.20	2.10	
						4.98	

SEEN VERIFIED

M. A. R. 57 (Rule 116)
Measurement Book

No. B 424674

From..... To.....

Designation of Officer or nature of Agency .....

Name of work .....

Particulars of work, etc.	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
	1	0.90	0.40	0.36	4.98	
	1	0.60	0.60	0.36		
	limited to tender = 4.74 Sqm = 1507H.00/-					
	@ PS = 3513/Sqm					
	By applying two coats with oil bound washable distemper					
	Quantity vide item No. 10 & 11 = 224.24 Sqm					
	limited to tender qty = 223.06 Sqm = 19176.00/-					
	@ PS = 77/Sqm					
	By finishing extra walls in two coats with washable Dist					
	Extra item No. 12 = 129.77 Sqm					
	Tender qty 125.27 @ PS 91/Sqm = 11400.00/-					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	item 21) providing & fixing chorinated poly venyl chloride CPVC	1	20 @ Rs = 226/m			20 M =	4520.00/-
	item 22) providing & fixing chorinated pvc	15.00	1 @ Rs 270/m			15.00 M =	4050.00/-
	item 23) providing & fixing pvc	1	@ Rs 307/m			1.00 M =	307.00/-
	item 24) providing & fixing in position brass gate valve CPC	15 Each	@ 648/Each			=	9720.00/-
	item 25) constructing brick masonry	1	CPC @ Rs = 7610/Nos			=	7610.00/-
	item NO 26) providing & fixing white Nitreous china clay CPC	3	@ Rs 4950/unit			=	14850.00/-
	item NO 27) providing & fixing in position brass bib cocks CPC	15	@ Rs: 300/Each			=	4500.00/-

M. A. R. 57 (Rule 116)
Measurement Book

No. B 424675

From..... To.....

Reference to last Measurement 8	Description, etc. of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
520.00							
050.00							
307.00							
420.00							
610.00							
850.00							
500.00							

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
34)	Supplying & fixing plastic shelf: 8"x4"(20x10cm) @Rs 0.30					=	253.00
35)	Extra for Groove cutting in brick wall/ceiling etc	1	60	@Rs 2.5/mt		=	~~3600.00~~ 1500.00
36)	Supplying heavy gauge PVC conduit pipe 19/20mm dia etc	1	60	Rate @Rs 60/mt		=	3600.00
37)	Supplying & fixing PBBC Bakelite strip etc	1		@Rs: 90/Each		=	90.00
38)	Supplying Patti type fluorescent tube light fitting etc	1		@ 600/Each		=	600.00
39)	Wiring for lighting cast Aluminium round etc	10	15	Rate @Rs: ~~750/mt~~ 20/mt		=	3000.00
40)	Supplying & fixing cast Aluminium round etc	11		@Rs: 750/Each		=	3000.00
41)	Supplying, fixing wiring & earth) electrode for ground						

AEE (CRPD)

M. A. R. 57 (Rule 116)
Measurement Book

No. B 424676

Name .....
Name of Work .....
Name of Contractor or nature of Agency .....
Date of commencement of work .....

From..... To.....

Reference to last Measurement 8	Description, etc. of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
53.00	Providing & laying of 11kV LT UG cable having Aluminium conductor	1	@ RS 2730/NO			=	2730.00
500.00		1	25 @ RS = 150/mtr			=	3750.00
00.00	Providing charges for laying of 1.1kV class UG cable etc -	1	25 Rate @ RS 15/mtr			=	375.00
00.00	Providing & making of	1	0.6m dep x 0.5mtr wide etc -				
		1	20 Rate @ RS 90/mtr			=	1800.00
00.00	Providing & fixing of	1	class A GI pipe of				
		1	11 Rate @ RS 345/mtr			=	1350.00

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item 6)	Supplying & fixing L.T. cast iron pot heads suitable for 1.1 kV class UG cable filled etc complete						
		1	Rate @ 300/nos			= 300.00/-	
			TOTAL AMT RS			= 15,15,258.00	
			30				
			03/07/21				
	certificate: 1) certified that the above items were done satisfactorily						
	2) NO materials issued from Department						
	Gowdhami	30					
		03/07/21					

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

M. A. R. 57 (Rule 116)
Measurement Book

No. B 424677

From..... To.....

Nature of Agency .....

Name of work .....

Particulars of description, etc. of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
Footer	Final Bill			BQ - 1515200=N		
				IT - 15152=N		
				L.C - 15152=N		
				CBF - 71576=N		
				GST - 18529=N		
				SGST - 18529=N		
				L.R - 17500=N		
				EOT - 2000=N		
				TD - 84438=N		
				Contract 14,30,762=N		

ಪೈಪ್‌ಲೈನ್ P-1771 ರಿಂದ
ಆ ದಿವಸದ ರೂ. 1515200=ನ ವರೆಗೆ ಪಾಸು ಮಾಡಿದೆ.
ಆಯ್ಕೆ ರೂ. 84438=ನ ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ
ಮಾಡಿದೆಯಾ ರೂ. 14,30,762=ನ ಗಳನ್ನು

PAYMENT/RTGS ಮುಖಾಂತರ ನೀಡಬಾಗಿದೆ

ಸಹಾಯಕ ಎಕ್ಸಿಕ್ಯೂಟಿವ್ ಇಂಜಿನಿಯರ್ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಆಡಳಿತ ವಿಭಾಗ ಬ್ಯಾಟರಾಯನಪುರ ಉಪವಿಭಾಗ
ಬೃ.ಬೆ.ಮ.ಪಾ, ಬೆಂಗಳೂರು ಬೃ.ಬೆ.ಮ.ಪಾ, ಬೆಂಗಳೂರು

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

Anganavadi Building, Hosakalenagara